Index

MARCH–DECEMBER, 1967

Abdominal pain, emergency care in, June, 278
Abortion, Canadian law regarding, March, 163
Absorbed dose of radiation, measurement, March, 17
Addiction, drug, in cancer patient, Dec., 679
Administration of orthopedic nursing unit, Sept., 419–428
Adrenalectomy, in therapy of breast cancer, Dec., 663
Adolescent, osteogenic sarcoma in, nursing care, Sept., 461
Afterloading technique, of iridium implantation, March, 101
  of radium application, March, 88
Aged patient in general hospital, Dec., 705–714
Aging, attitudes toward, Dec., 706
  primary changes of, Dec., 706
  secondary changes of, Dec., 708
Airway, maintaining, after head and neck surgery, Sept., 475
  after cardiac surgery, Sept., 550
Alpha particle, March, 12
  range of, March, 15
Altruism, in higher animals, March, 203
Ambulance attendants, duties and training, June, 229
American National Red Cross, disaster activities of, June, 289
Amputation
  lower extremity, immediate prosthetic fitting after, Sept., 404
  level of, Sept., 400
  recent trends in, Sept., 399–408
  Syme's, Sept., 402, 403
Analgesic drugs, for pain in cancer patient, Dec., 674
Anesthetist, nurse as, legal aspects, March, 147
Anger, in nurse-patient interactions, Dec., 737–745
  nurse's response to, Dec., 739
Angina pectoris, emergency care, June, 279
  surgical treatment of, Sept., 567
Animals, higher, altruism in, March, 203
Anticoagulants, circulating, patients with, June, 361–368
Anus, artificial, patient with, Dec., 623–634
Aorta, coarctation of
    complications, Sept., 531
    diagnosis, Sept., 530
    surgical correction, Sept., 529–535
      postoperative care, Sept., 533
Aortic insufficiency, surgical treatment of, Sept., 563
Aortic stenosis, surgical treatment of, Sept., 563
Aortic valve, prosthetic replacement of, Sept., 563
Arc eye, emergency care, June, 281
Arch bars, use in fracture of jaw, Sept., 476
Area monitoring in radiation protection, March, 32
Arrest, cardiac, role of nurse in, June, 245–254. See also *Cardiac arrest.*
Arteries, coronary. See *Coronary arteries.*
Arthritis, degenerative, spinal fusion in treatment of, Sept., 387
Artificial anus or bladder, patient with, Dec., 623–634
Asphyxia, emergency care, June, 273
Aspiration biopsy for breast cancer, Dec., 591
Assault, criminal, Canadian position on, March, 164
  nurse's liability for, March, 146
    Canadian position, March, 165
Asthma, attack of, emergency care in, June, 279

Atom, structure of, March, 11
Atomic Energy Commission, control of isotopes by, March, 9

Battery, by nurse, Canadian position, March, 165
Bedsores, principles of prevention, Sept., 431
Behavior, as communication, Dec., 695
Behavioral problems in sick child, Dec., 695
Beta particle, March, 12
  range of, March, 15
Betatron, March, 40
Biopsy, for breast cancer, Dec., 591
Bladder, artificial, patient with, Dec., 633
  carcinoma of, radon seed implantation for, March, 103
  exstrophy of, in infant, care of, Sept., 573–577
  reactions to radiotherapy of, March, 45
Blood-forming organs, reactions to radiotherapy of, March, 46
Blood nonprotein nitrogen determination, Dec., 802
Blood urea nitrogen determination, Dec., 802
Bone, cancer of, nursing care in, Sept., 459–471
Bowel, reactions to radiotherapy of, March, 45
Braces, for treatment of scoliosis, Sept., 413
Breast(s)
  cancer of, advanced, hormonal ablative therapy for, Dec., 659–669
    diagnosis, Dec., 590
    endocrinologic aspects, Dec., 661
    nursing care in, Dec., 587–598
  plastic surgery of, use of silicone implants in, Sept., 499
  self-examination of, Dec., 588
Breathing, instruction in, before thoracic surgery, Sept., 514
Bronchial secretions, removing after operation, Sept., 521–527
Bronchoscopy, preparing patient for, Dec., 612
Bubble oxygenator for cardiac surgery, Sept., 566
BUN test, Dec., 802
Burns, emergency care, June, 273
  flash, of eye, emergency care, June, 281

Canada, disaster nursing in, June, 337–348
  echelons of care in, June, 342
Canadian law
  affecting nurse, March, 161–173
  classification of, March, 162
  consent of patient, March, 166
  criminal, March, 162
  negligence, March, 168
  obligations to report, March, 171
  professional secrecy, March, 171
  sources of, March, 161
  vicarious liability, March, 170
  torts, March, 165
Cancer
  advanced, psychological aspects of, Dec., 649–658
  of bone, nursing care in, Sept., 459–471
  of breast, advanced, hormonal ablative therapy for, Dec., 659–669
    diagnosis, Dec., 590
    endocrinologic aspects, Dec., 661
    nursing care in, Dec., 587–598
  of head and neck, nursing care in, Dec., 599–607
  of lung, nursing care in, Dec., 609–622
  nursing care in, Dec., 585–690
  patient's fear of, Sept., 508
  production by radiation, March, 19
Cancer patient
  care of, by public health nurse, Dec., 683–690
  drug addiction in, Dec., 679
  nursing care of, Dec., 585–690
  pain and, Dec., 671–682
  terminal, psychological aspects of, Dec., 651
    role of public health nurse in care of, Dec., 688
Carbon monoxide poisoning, emergency care, June, 273
Carcinoma of bladder, radon seed implantation for, March, 103
  of cervix, radium therapy of, nursing care in, March, 83–95
Carcinogenesis, role of radiation in, March, 19
Cardiac arrest
  failure in treatment, June, 251
  goals in treatment, June, 246
  monitoring in, June, 248
  recognition of, June, 246
  resuscitation in, June, 247
  role of nurse in, June, 245–254
  treatment, June, 246
    indications and contraindications for, June, 250

Cardiac implants, nursing care with, Sept., 559–569
Cardiac massage, complications of, June, 251
effectiveness of, June, 252
method, June, 248
Cardiac surgery
management of patient during, Sept., 565
nursing care in, Sept., 543–558
nursing requirements in, Sept., 568
postoperative care in, Sept., 545
initial, Sept., 546
maintaining airway, Sept., 550
measuring central venous pressure, Sept., 553
routine, Sept., 547
use of chest tubes, Sept., 554
preoperative care, Sept., 543
Cardiac tamponade, emergency treatment, June, 258
Cardiovascular surgery, nursing requirements in, Sept., 568. See also *Cardiac surgery.*
Care, standard of, legal aspects, March, 130. See also *Nursing Care.*
Cast, care of patient in, Sept., 432
Castration, in therapy of breast cancer, Dec., 662
Cataract formation, as result of radiation, March, 20
Catheterization, urinary, in surgical emergencies, June, 259
Cells, body, variation in susceptibility to radiation, March, 18
Central venous pressure, measuring after cardiac surgery, Sept., 553
Cerebral vascular accident, emergency care, June, 274
Cervix, carcinoma of, radium therapy, nursing care in, March, 83–95
Cesium, radioactive, interstitial use, March, 98
use in teletherapy, March, 41
Chemotherapy of leukemia, Dec., 639
Chest drainage after lung surgery, Dec., 618
Chest, open wounds of, emergency treatment, June, 257
Chest pain, emergency care in, June, 278
Chest surgery, nursing care in, Sept., 513–569
Child, reaction to illness and hospitalization, Dec., 679
reaction to limitations, Dec., 700
reaction to medical procedures, Dec., 696
reaction to surgery, Dec., 699
Child *(Continued)*
sick, maintaining behavioral control in, Dec., 695–703
Chromium, radioactive, for placental scanning, March, 75
Circulating anticoagulants, patients with, June, 361–368
Civil defense, objectives of, June, 288
Cleft lip and palate, methods of repair, Sept., 486
nursing care in, Sept., 483–493
Coarctation of aorta, surgical correction, Sept., 529–535
Cobalt, radioactive isotopes of, March, 12
interstitial use, March, 98
use in teletherapy, March, 41
Colostomy, approach to patient with, Dec., 623–634
Commissurotomy, mitral, Sept., 561
Community planning for disaster, nursing responsibilities, June, 287–298
Complaining patient, Dec., 715–724
Compression plate treatment of fractures, Sept., 386
Consent of patient, failure to obtain, legal aspects, March, 143
Canadian position on, March, 166
Contamination with liquid radioisotopes, March, 65
Continuing education, in legal aspects of nursing, March, 185
Continuity of care, for cancer patient, Dec., 684
Cornea, abrasion of, emergency care, June, 281
Coronary arteries, radiographic visualization of, Sept., 538
Coronary artery disease
surgery for, Sept., 537–542
by arteriovenous anastomosis, Sept., 540
Vineberg procedure, Sept., 539, 567
Cosmetics, value of, June, 369–372
Coughing, as means of removing secretions, Sept., 521
instruction of patient in, before lung surgery, Dec., 613
Counting tests using radioisotopes, March, 64
Courts, nurse's knowledge of, March, 125
Creatinine clearance test, Dec., 800
Criminal negligence, Canadian position on, March, 162
Croupous pneumonia, Sept., 578
Crying, in patients, Dec., 725–735
meaning of, Dec., 726
nurse's response to, Dec., 729
Culture, significance to nursing, Dec., 747

Curie, March, 16
Curriculum, nursing, law in, March, 181–197
Cutie Pie, March, 32

Damages recoverable in negligence action, March, 138
Deaths, hospital, characteristics of, Dec., 764
Decay rate of radioactive materials, March, 13
Decontamination procedures for radioisotopes, March, 68
Decubitus ulcers, prevention in spinal cord injury, Sept., 453
  principles of prevention, Sept., 431
Defendant, nurse as, March, 141–152
Defense against damage suits, by nurse, March, 150
Delivery, emergency, definition, June, 262
Demanding patient, Dec., 715–724
Diabetes, emergency care, June, 276
Diabetic coma, emergency care, June, 277
Diagnosis
  by nurse, legal aspects, March, 132
  by X-rays, nurse's responsibilities in, March, 35
  nursing, for patient with artificial anus or bladder, Dec., 626
  in emergencies, June, 272
  using radioisotopes, March, 63
Difficult patient, care of, Dec., 691–796
Dilution test of kidney function, Dec., 800
Director of Nursing, as witness, March, 156
Disability, stages of recovery in, Dec., 787
Disabled patient in general hospital, Dec., 785–796
Disaster
  authority during, June, 288
  behavior during, June, 349
  community planning for, nursing responsibilities, June, 287–298
  personal and family preparedness for, June, 347
  psychological first aid in, June, 349–358
  psychology of, June, 349–358
  types of reactions to, June, 351
Disaster hospital, packaged, content and operation of, June, 329
Disaster nursing, June, 285–374
  developing plan for, June, 291
  education for, June, 299–307
  in Canada, June, 338
  planning for, June, 302
  improvisation in, June, 319
Disaster nursing *(Continued)*
  in Canada, June, 337–348
  in emergency aid stations, June, 316
  in mass shelters, June, 317
  in thermonuclear disaster, June, 325–335
  preparation of individual nurse for, June, 314
  problems faced by nurse, June, 309–324
Disengagement theory, Dec., 707
Disinfectants, activity of (table), Dec., 799
Disinfection of medical equipment, Dec., 798
Dislocation of hip, congenital, new treatment of, Sept., 383
Distance as factor in radiation protection, March, 25
Dose, of radiation, measurement, March, 16
Dosimeter, pocket, for radiation monitoring, March, 32
Drug addiction in cancer patient, Dec., 679
Drugs
  analgesic, for pain in cancer, Dec., 674
  handling by nurse, legal aspects, March, 133
  negligence in connection with, Canadian position, March, 169
Dying patient, Dec., 763–773
Dysmenorrhea, treatment by industrial nurse, June, 279

Ear, disorders of, care by industrial nurse, June, 281
Echelons of medical care, in Canadian disaster planning, June, 342
Education, inservice, in radiation protection, March, 107–113
Electric shock, emergency care, June, 273
Electron, March, 11
Embryo, effect of radiation on, March, 20
Emergencies
  do's and don't's in, June, 277
  obstetrical, nature of, June, 262
  nurse's role in, June, 261–269
  preparation for, nurse's role, June, 262
  surgical, priorities in management of, June, 255–260
  respiratory status in, June, 256
Emergency aid station, nursing problems in, June, 316
  purposes, in disaster, June, 293
Emergency care of hand injuries, Sept., 391–397

Emergency nursing, June, 215–283
by industrial nurse, June, 271–283
inservice education for, June, 237–243
Emergency room
administration of, June, 217–223
changes in pattern of, June, 217–223
medical staff for, June, 227
nursing personnel for, June, 228
organization for surgical emergencies, June, 255
organizing and staffing, June, 225–235
policies and procedures for, June, 230
screening medical and surgical patients in, June, 226
supplies and equipment for, June, 232
Emotional problems in radiotherapy, March, 53, 63
Emotional support of patients with head and neck surgery, Sept., 503–510
Endometrium, carcinoma of, radiation treatment of, March, 84
Endotracheal intubation in surgical emergency, June, 257
Energy, radiation, measurement of, March, 15
Environment, as source of radiation, March, 6
Epilepsy, emergency care, June, 275
Equipment, disinfection of, Dec., 798
Esophagus, reactions to radiotherapy in, March, 57
Estrogen, relation to breast cancer, Dec., 661
Exercises
after lung surgery, Dec., 614
after radical mastectomy, Dec., 594
muscle setting, for orthopedic patient, Sept., 433
Explosion, injuries and illness in, June, 310
Exstrophy of bladder in infant, care of, Sept., 573–577
Eye, injuries to, emergency care, June, 280
surgery of, nursing care after, Sept., 478

Face, plastic surgery of, silicone implants in, Sept., 497
Fall by patient, as basis for legal action, March, 148
Fallout shelter, medical and health problems in, June, 326
Family, of terminal cancer patient, Dec., 654
Fetus, effect of radiation on, March, 20
Film badge, March, 30
Fire, injuries and illnesses in, Sept., 310
Fishberg concentration test, Dec., 800
Fistula, oral, after head and neck surgery, Sept., 478
Flash burn of eye, emergency care, June, 281
Floods, injuries and illnesses in, June, 311
Fluoroscopic examination, nurse's responsibilities, March, 39
radiation protection with, March, 40
Foreign body, as basis for legal claim, March, 149
Canadian position, March, 170
in eye, emergency care, June, 280
Foster bed, turning patient by, Sept., 442
Fractures, new developments in treatment of, Sept., 386

Gamma rays, March, 13
protection against, March, 24
range of, March, 15
Geiger-Müller survey meter, March, 32
Genetic effects of radiation, March, 21
Geriatric patient in general hospital, Dec., 705–714
Gibbon-Mayo pump-oxygenator, Sept., 565
Gold, radioactive, interstitial use, March, 98
nursing procedures during use of, March, 69
Good Samaritan laws, March, 147
Grady Memorial Hospital, emergency rooms, June, 226

Half-life, defined, March, 14
Halo-femoral traction treatment of scoliosis, Sept., 385
Hand, injuries to, emergency care and treatment, Sept., 391–397
Handicapped patient, in general hospital, Dec., 785–796
Head and neck
cancer of, nursing care in, Dec., 599–607
surgery of
emotional support in, Sept., 503–510
nursing care in, Sept., 475–481
patient's emotional response to, Sept., 504
Headache, treatment by industrial nurse, June, 279
Health team, in obstetrical emergencies, June, 263

Heart, anatomy and physiology, Sept., 559
Heart block, implantation of pacemaker for, Sept., 566
Heart disease, valvular, surgical correction of, Sept., 560
Heart implants, nursing care with, Sept., 559–569
Heart surgery, open, nursing care in, Sept., 543–558. See also *Cardiac surgery.*
Hemorrhage, emergency control of, June, 257, 274
Hemorrhagic syndrome due to circulating anticoagulant, June, 361–368
Hip, congenital dislocation of, new treatment of, Sept., 383
Hormonal ablative therapy for premenopausal patient with advanced cancer, Dec., 659–669
Hormone creams, effect on wrinkling, June, 369
Hospital
  disaster, packaged, content and operation of, June, 329
  disaster planning in, in Canada, June, 341
  emergency room of, administration of, June, 217–223
    organizing and staffing, June, 225–235
  liability for actions of nurse, March, 134
Hypophysectomy, in therapy of breast cancer, Dec., 666
Hurricanes, injuries and illnesses in, June, 311

Ileal bladder, patient with, Dec., 633
Ileostomy, approach to patient with, Dec., 623–634
Illegitimacy, causation of, Dec., 777
Implantation of radiation sources, March, 97. See also *Interstitial implantation* and *Radium therapy.*
Implants, cardiac, nursing care with, Sept., 559–569
Improvisation in disaster nursing, June, 319
Industrial nurse, emergency duties, June, 271–283
  in asphyxia, June, 273
  in disorders of ear, June, 281
  in eye injuries, June, 280
  in unconsciousness, June, 274
Infant, exstrophy of bladder in, care of, Sept., 573–577
  with cleft lip and palate, nursing care, Sept., 483–493
Injections, negligence in connection with, Canadian position, March, 169
Injuries
  to hand, emergency care and treatment, Sept., 391–397
  to spinal cord, nursing care in, Sept., 447–457
Inservice education
  for emergency nursing service, June, 237–243
  in radiation protection, March, 107–113
    course content, March, 109
    responsibility for, March, 108
Institutes, medicolegal, for nurses, March, 124
Insulin reaction, emergency care, June, 276
Insurance, liability, for nurses, March, 175–180
    choice of, March, 177
    coverage needed, March, 177
    limits of, March, 179
    prevention of claims, March, 179
    protection under insurance of others, March, 176
Interstitial implantation of radioisotopes
  care in, March, 97–106
  isotopes used for, March, 98
  permanent, March, 103
  postoperative care, March, 101
  preoperative care, March, 99
  radiation precautions with, March, 104
  temporary, procedure, March, 99
Intracavitary radium therapy, March, 83
Intratracheal suction, after operation, Sept., 522
Iodine, radioactive
  for placental scanning, March, 74
  interstitial use, March, 98
  nursing procedures during use of, March, 71
Ionization, March, 14
Ionization chamber survey meter, March, 32
I.P.P.B., instruction of patient for, Dec., 614
Iridium-192, interstitial use, March, 98
Isotopes, definition, March, 11
  radioactive, nature of, March, 12. See also *Radioisotopes.*
Itching, cause and treatment of, March, 205

Japan, culture of, history and social structure, Dec., 749
Japanese-American patient, case study, Dec., 752
Joint statement, as legal guideline, March, 125

Kay-Cross pump-oxygenator, Sept., 565
Kay-Shiley heart valve prosthesis, Sept., 562, 564

Labels, of containers, legal importance of, March, 149
Laminectomy, nursing care in, Sept., 437–445
  postoperative, Sept., 440
  preoperative, Sept., 437
Larynx, reactions to radiotherapy in, March, 57
Law(s)
  ancillary, for nursing profession, March, 123
  and the nurse, March, 115–197
    Canadian position, March, 161–173. See also *Canadian law.*
  Canadian, March, 161–173. See also *Canadian law.*
  Good Samaritan, March, 147
  in nursing curriculum, March, 181–197
  licensing, March, 117
  prospective, hearings for, role of nurse in, March, 124
Legislative hearings, role of nurse in, March, 124
Leukemia, Dec., 635–647
  chemotherapy of, Dec., 639
  definition, Dec., 635
  etiology, Dec., 637
  incidence, Dec., 636
  informing the patient with, Dec., 646
  nursing care in, Dec., 641–647
  production by radiation, March, 20
  signs and symptoms, Dec., 637
Liability, of others for negligence of nurse, March, 145
  vicarious, March, 170. See also *Respondeat superior.*
Liability insurance for nurses, March, 175–180. See also *Insurance.*
Licensing laws, March, 117
  changing concepts and, March, 121
  definitiveness of, March, 118
  purpose of, March, 117
Licensing laws *(Continued)*
  responsibilities in carrying out, March, 119
Lip, cleft
  methods of repair, Sept., 486
  nursing care in, Sept., 483–493
  postoperative care in, Sept., 488
Liquid radioisotopes, nursing care with, March, 61–71. See also *Radioisotopes.*
Log-rolling method of turning patient, Sept., 440, 441
Lungs, anatomy and physiology of, Dec., 609
  cancer of, nursing care in, Dec., 609–622

Magnascanner, March, 77, 78
Malpractice, nature of, March, 141. See also *Negligence.*
  suits against nurses for, March, 141–152.
    case history, March, 155
    defense against, March, 150
    matters giving rise to, March, 142
Mammography, Dec., 590
Mass number, March, 12
Mass shelters, in disaster, nursing in, June, 317
  planning for, June, 294
Massage, cardiac, method, June, 248
Mastectomy, radical, exercises after, Dec., 594
  nursing care in, Dec., 592
Maternity nursing, of unwed mother, Dec., 775–784
Measurement of radiation, March, 16
Medications, handling by nurse, legal aspects, March, 133
  negligence in connection with, Canadian position, March, 169
Microcurie, March, 16
Millicurie, March, 16
Milwaukee brace, for scoliosis, Sept., 413, 414
Mitral insufficiency, surgical treatment, Sept., 561
Mitral stenosis, surgical correction, Sept., 560
Mitral valve, prosthetic replacement of, Sept., 561
Monitoring, of area in radiation protection, March, 32
  of personnel in radiation protection, March, 30
Mother, unwed, attitudes toward, Dec., 775–784
Mouth, reactions to radiotherapy in, March, 44, 56

Mucous membranes, reactions to radiotherapy in, March, 45, 56
Mutations, due to radiation, March, 21

Narcotics, for pain in cancer, Dec., 674
Narcotics, tolerance to, Dec., 679
Negligence
  as basis of liability suit, March, 142, 154
  Canadian position on, March, 168
  contributory, of patient, March, 136
  criminal, Canadian position on, March, 162
  damages recoverable for, March, 138
  definition, March, 175
  nurse's liability for, March, 129–139
  of nurse, liability of others for, March, 134
  of others, liability of nurse for, March, 144
  proving case against nurse, March, 136
  suit for, case history, March, 155
Neutron, March, 11
Nose, reconstruction of, by pedicle flap, Sept., 479, 480
NPN determination, Dec., 802
Nuclear disaster, nursing in, June, 325–355
Nuclear reactions, as source of radiation, March, 7
Nurse
  and the law, March, 115–197
    Canadian position, March, 161–173. See also *Canadian law.*
  as witness, March, 153–159
  contribution to outpatient radiotherapy, March, 49–59
  diagnosis by, legal aspects, March, 132
  duty of, legal aspects, March, 130, 143 154
  in action in disaster, June, 309–324
  in radiation protection, March, 23–34
  industrial, emergency duties, June, 271–283. See also *Industrial nurse.*
  legal definition of, March, 118
  licensing of, March, 117
  negligence actions against, March 129–139. See also *Negligence.*
  responsibilities in clinical use of radiation, March, 35–48
  role in cardiac arrest, June, 245–254
  role in obstetrical emergencies, June, 261–269
Nursing
  in disaster, June, 285–374
  in emergencies, June, 215–283
Nursing *(Continued)*
  in plastic surgery, Sept., 475–510
  in thoracic surgery, Sept., 513–569
  legal basis of, March, 117–127
  orthopedic, Sept., 383–471
    administration of unit, Sept., 419–428
Nursing care
  in cancer, Dec., 585–690
    by public health nurse, Dec., 683–690
    of breast, Dec., 587–598
    of head and neck, Dec., 599–607
    of lung, Dec., 609–622
    terminal, Dec., 649–658
  in hemorrhagic syndrome due to circulating anticoagulant, June, 363
  in leukemia, Dec., 641–647
  in local reactions to radiotherapy, March, 55
  in radium therapy, March, 83–95
  in treatment with liquid radioisotopes, March, 61–71
  of aged patient, Dec., 710
  of dying patient, Dec., 763–773
  of patient from another culture, Dec., 747–762
  of patient with artificial anus or bladder, Dec., 623–634
  of unwed mother, Dec., 779
  with interstitial implants, March, 97–106
Nursing curriculum, law in, March, 181–197
    graduate courses, March, 186
    undergraduate courses, March, 183
Nursing diagnosis, for patient with artificial anus or bladder, Dec., 626
  in emergencies, June, 272
Nursing education
  for disaster, June, 299–307
    in Canada, June, 338
    planning for, June, 302
Nursing functions, legal cases defining, March, 188
Nursing homes, role in disaster, June, 295
Nursing personnel, supportive, legal implications of, March, 122
    training of, nurse's role in, March, 123
Nursing Practice Act, nature of, March, 118. See also *Licensing.*

Obstetrical emergencies, nature of, June, 262
  nurse's role in, June, 261–269
  preparation for, nurse's role, June, 262
Older patient in general hospital, Dec., 705–714

Oophorectomy, in therapy of breast cancer, Dec., 662
Open heart surgery, nursing care in, Sept., 543–558. See also *Cardiac surgery.*
Operating room nurse, in thoracic surgery, Sept., 517
Oral cavity, reactions to radiotherapy in, March, 44
Orders, nurse's, legal importance of, March, 148
Orthopedic patients
  exercises for, Sept., 433
  maintaining mobility in, Sept., 432
  nature and number of, Sept., 419
  nursing of, Sept., 383–471
    essentials of, Sept., 431
    improving, Sept., 434
    in cast, Sept., 432
    in traction, Sept., 434
    organization and administration of unit, Sept., 419–428
    personnel requirements for, Sept., 424, 429–435
  therapeutic nursing care of, Sept., 429–435
Orthopedic surgery, new developments in, Sept., 383–390
Outpatient care in emergencies, June, 271–283. See also *Industrial nurse.*
Outpatient radiotherapy, advantages of, March, 49
  nurse's contribution to, March, 49–59
Ovaries, removal in therapy of breast cancer, Dec., 662

Pacemaker, cardiac, implantation of, Sept., 566
Packaged Disaster Hospital, content and operation of, June, 329
Pain, in cancer patient, Dec., 671–682
    analgesic drugs for, Dec., 674
    means of controlling, Dec., 673
Palate, cleft
    methods of repair, Sept., 486
    nursing care in, Sept., 483–493
    postoperative care in, Sept., 491
Paraplegia, Sept., 447
Patient's attitude toward radiation therapy, March, 53
Patient teaching, in head and neck cancer, Dec., 601
Pedicle flap, nose reconstruction by, Sept., 479, 480
Peripheral vascular disease, amputation in treatment of, Sept., 399–408
Personnel, rotation of, for radiation protection, March, 85
  supportive, acts of, nurse's liability for, March, 144
Personnel monitoring in radiation protection, March, 30
Phenolsulfonphthalein excretion test, Dec., 800
Phosphorus, radioactive, nursing procedures during use of, March, 71
Physically handicapped patient, in general hospital, Dec., 785–796
Physician, instructions of, nurse's liability under, March, 131, 144
  liability for actions of nurse, March, 136
Picocurie, March, 16
Pituitary, removal of, in therapy of breast cancer, Dec., 666
Placebos, use for pain in cancer, Dec., 681
Placenta praevia, diagnosis by radioisotopes, March, 73. See also *Placentography.*
Placentography, radioisotope, and nurse, March, 73–81
    equipment and methods, March, 76
    isotopes used for, March, 74
Plastic surgery
  nursing care in, Sept., 475–510
  of head and neck, nursing care in, Sept., 475–481
  use of silicone implants in, Sept., 495–501
Pneumonia, croupous, Sept., 578
Pregnancy, complications of, emergency care in, June, 278
  radiation exposure during, March, 20
Pressure, central venous, measuring after cardiac surgery, Sept., 553
Pressure points, digital, location, June, 275
Pressure sores, principles of prevention, Sept., 431
Problem-solving method, abilities essential to, June, 239
Prostheses
  after lower extremity amputation, Sept., 403
  aortic valve, Sept., 564
  mitral valve, Sept., 562
  new developments in, Sept., 388
  patellar tendon-bearing, Sept., 404
Protection, radiation, March, 23–34. See also *Radiation protection.*
Proton, March, 11
Proximate cause, in negligence actions, March, 137
PSP test, Dec., 800
Psychological aspects of nursing advanced cancer patient, Dec., 649–658

Psychology of disaster, June, 349–358
Public health nurse, responsibility in disaster, June, 295, 314
role in care of cancer patient, Dec., 683–690
Pump-oxygenator, for cardiac surgery, Sept., 565

Quadriplegia, Sept., 448

Rad, definition, March, 17
Radiation
background, March, 7
benefits vs. hazards, March, 4
biological effects of, March, 17–21
dose-rate and, March, 18
factors in, March, 17
long-term, March, 19
nature of, March, 17
short-term, March, 18
variability in, March, 18
cancer production by, March, 19
cataract formation due to, March, 20
clinical use, responsibilities of nurse in, March, 35–48
dose of, measurement, March, 16
effect on embryo, March, 20
energy of, March, 15
environmental, March, 6
genetic effects, March, 21
hazards vs. benefits, March, 4
in perspective, March, 3–9
ionizing, definition, March, 14
nature of, March, 11–17
physical aspects of, March, 11
sealed sources of. See *Sealed sources.*
symposium on, March, 1–113
therapeutic, nursing responsibilities with, March, 42. See also *Radiotherapy.*
threshold limits of exposure, March, 5
tolerance dose of, March, 6
types of, March, 12
ranges of, March, 14
units of measurement of, March, 16
X-rays as source of exposure to, March, 8
Radiation protection, March, 23–34
against external sources, March, 24
against internal hazards, March, 28
area monitoring in, March, 32
at bedside, March, 27
in diagnostic use of X-rays, March, 37
in radium therapy, March, 84
inservice education in, March, 107–113
Radiation protection *(Continued)*
limitation of exposure in, March, 33
nonthreshold concept in, March, 6
personnel monitoring in, March, 30
practical application of, March, 26
somatic effects, March, 19
sources of exposure to, March, 6
time, distance, and shielding as factors in, March, 24
with interstitial implants, March, 104
with radioisotopes, March, 28, 29, 65
Radiation safety, inservice education in, March, 107–113
Radiation sickness, March, 18, 46
Radiation survey meters, March, 32
Radiation syndrome, acute, March, 18
Radiation therapy. See *Radiotherapy.*
Radioactive isotopes, nature of, March, 12. See also *Radioisotopes.*
Radioactive material, ingestion of, March, 29
Radioactivity, environmental, March, 7, 8
Radiodermatitis, acute, March, 54
Radiogold, interstitial use, March, 98
nursing procedures during use of, March, 69
Radioiodine, for placental scanning, March, 74
interstitial use, March, 98
nursing procedures during use of, March, 71
Radioisotopes
decay rate of, March, 13
half-life of, defined, March, 14
interstitial implantation of, March, 97–105. See also *Interstitial implantation.*
kinds of radiation emitted by, March, 12
liquid, contamination by, March, 65
decontamination procedures for, March, 68
diagnostic studies using, March, 63
dosage of, effects of, March, 62
emotional problems in using, March, 63
nursing care with, March, 61–71
therapy with, March, 64
nurses' reference guide for, March, 66
uses of, March, 61
nature of, March, 12
placentography using, March, 73–81. See also *Placentography.*
protective measures with, March, 28, 29, 65
radiation energy of, March, 15

Radioisotopes *(Continued)*
sealed sources, care of patients with, March, 97–105. See also *Interstitial implantation.*
unsealed, clinical applications, March, 61–81
Radiophosphorus, nursing procedures during use of, March, 71
Radiotherapy
nursing responsibilities, March, 42
of uterine cancer, March, 83. See also *Radium therapy.*
outpatient, advantages of, March, 49
nurse's contribution to, March, 49–59
patient's attitude toward, March, 53
reactions to, March, 44
local, March, 54
late, March, 47
mucous membranes, March, 56
nursing measures in, March, 45
skin, March, 54
care of, March, 55
systemic, March, 46, 57
team, nurse as member of, March, 51
types of, March, 40
with radioisotopes, March, 64. See also *Radioisotopes.*
Radium
implantation of, afterloading technique, March, 88
postoperative care, March, 90
preparation of patient for, March, 86
problems of handling, March, 9
Radium therapy
emotional support in, March, 91
nurses' responsibilities in, March, 84
nursing care in, March, 83–95
of uterine cancer, March, 83
postoperative care in, March, 90
preparation of patient for, March, 86
protection during, March, 27, 84
removal of implant, March, 93
Radon seeds, implantation of, March, 98, 103
Records, for emergency room, March, 230
hospital, legal importance of, March, 147
Recovery, stages of, in disability, March, 787
Red Cross, disaster responsibilities of, June, 289
Registered nurse, legal definition of, March, 118
Rehabilitation
after radical mastectomy, Dec., 593
after spinal cord injury, Sept., 454
in head and neck cancer, Dec., 606
Rehabilitation *(Continued)*
of cancer patient, role of public health nurse, Dec., 686
Rejuvenating creams, value of, June, 370
Rem, definition, March, 17
Renal function tests, Dec., 800
Res ipsa loquitur, March, 137, 149
Respiration, preoperative instruction in, before thoracic surgery, Sept., 514
Respirator, use after thoracic surgery, Sept., 518
Respiratory status in surgical emergencies, June, 256
Respondeat superior, March, 134, 145
Canadian position, March, 170
Resuscitation, heart-lung, June, 247
in asphyxia, June, 273
Risser localizer cast, for scoliosis, Sept., 413
Roentgen, definition, March, 16
Roentgen rays. See *X-rays.*
Rotational radiation therapy, March, 42
Royal jelly, June, 371

Salter treatment for congenital dislocation of hip, Sept., 384
Sarcoma, osteogenic, in adolescents, nursing care, Sept., 461
Scanning procedures with radioisotopes, March, 64
placental, March, 73–81. See also *Placentography.*
Scoliosis
classification of, Sept., 410
halo-femoral traction treatment of, Sept., 385
incidence, Sept., 411
pathogenesis of, Sept., 409
treatment of, Sept., 409–418
nonoperative, Sept., 413
surgical, Sept., 415
Sealed sources of radiation, protection against, March, 27. See also *Interstitial implantation.*
nursing care with, March, 97–105. See also *Interstitial implantation.*
Secrecy, professional, Canadian position on, March, 171
Secretions, tracheobronchial, removing after operation, Sept., 521–527
Self-examination of breasts, Dec., 588
Shelters, emergency, nursing in, June, 317
planning for, June, 294
Shielding for radiation protection, March, 25

Shock, emergency care, June, 274
Silicone(s)
enema of, in cancer diagnosis, Sept., 496
implants of, care of, Sept., 499
nature of, Sept., 495
use in plastic surgery, Sept., 495–501
use in treatment of cerebral aneurysm, Sept., 496
Skin, reactions to radiotherapy in, March, 45, 54
care of, March, 55
Sleeper, Ruth, biography, March, 201
Smeloff-Cutter prosthesis
for aortic valve, Sept., 564
for mitral valve, Sept., 562
Speech, loss of, emotional problems, Sept., 505
Spinal cord injuries
emergency care in, June, 277
nursing care in, Sept., 447–457
diet and fluids, Sept., 453
positioning patient, Sept., 452
urinary and bladder care, Sept., 453
rehabilitation activities, Sept., 454
Spine
curvature of, treatment, Sept., 409. See also *Scoliosis.*
fusion of, immobilization of patient after, Sept., 441
in treatment of scoliosis, Sept., 416
Staffing emergency room, June, 227
Starr-Edwards prosthesis
for aortic valve, Sept., 564
for mitral valve, Sept., 562
Stroke, emergency care, June, 274
Suction, intratracheal, after operation, Sept., 522
Supportive personnel, acts of, nurse's liability for, March, 144
legal implications of, March, 122
training of, nurse's role in, March, 123
Surgeon, liability for actions of nurse, March, 136
Surgery
of eye, nursing care after, Sept., 478
of head and neck, nursing care in, Sept., 475
open heart, nursing care in, Sept., 543–558. See also *Cardiac surgery.*
orthopedic, new developments in, Sept., 383, 390
patient's fears of, Sept., 503
thoracic, nursing care in, Sept., 513–569
Surgical emergencies, priorities in management, June, 255–260
Survey meters, radiation, March, 32
Syme's amputation, Sept., 402, 403
Tamponade, cardiac, emergency treatment, June, 258
Tantalum-182, interstitial use, March, 98
Teaching of patient, in head and neck cancer, Dec., 601
Teaching law in nursing curriculum, March, 181–197
Team, health, in obstetrical emergencies, June, 263
nursing, in obstetrical emergencies, June, 264
radiotherapy, nurse as member of, March, 51
Technetium-99m, use in placental scanning, March, 75
Teletherapy, methods of, March, 41
protective measures in, March, 26
Terminal cancer patient, role of public health nurse in care of, Dec., 688
Terminal care, in cancer, Dec., 649–658
problems of, 765
Tests, renal function, Dec., 800
Thermography of breast, Dec., 590
Thermonuclear disaster, nursing in, June, 325–335
Thoracic surgery
nursing care in, Sept., 513–569
operating room nurse in, Sept., 517
postoperative care in, Sept., 518
preoperative care in, Sept., 513
removing bronchial secretions after, Sept., 521–527
Time, as factor in radiation protection, March, 24
Tolerance to narcotics, development of, Dec., 679
Tornadoes, injuries and illnesses in, June, 310
Torts, Canadian position on, March, 165
Tracheal suction, after operation, Sept., 522
Tracheostomy
nursing care of, Sept., 477
percutaneous, as means of stimulating cough, Sept., 519, 525
postoperative, for removal of secretions, Sept., 526
Traction, care of patient in, Sept., 434
Tranquilizers, for pain in cancer, Dec., 678
Transmutation of elements, March, 13
Tuberculosis, former methods of treatment, March, 207
Turning patient, by log-rolling method, Sept., 440, 441
on Foster bed, Sept., 442

Unconsciousness, emergency care in, June, 274
Unit, orthopedic nursing, administration of, Sept., 419–428
personnel for, Sept., 424
Unsealed radioisotopes, clinical applications, March, 61–81
Unwed mother, attitudes toward, Dec., 775–784
Urea clearance test, Dec., 800
Uterus, reactions to radiotherapy of, March, 45

Vagina, reactions to radiotherapy of, March, 45
Valves, heart, prostheses for, Sept., 562, 564
Valvular heart disease, surgical correction of, Sept., 560
Van de Graaff accelerator, March, 40
Ventricular fibrillation, treatment, June, 249
Vertebra, anatomy of, Sept., 438
Vineberg procedure for coronary artery disease, Sept., 539, 567

Witness, nurse as, March, 153–159
Wolff's law of bone, Sept., 386
Wounds, emergency care, June, 273
Wrinkling, effect of hormone cream on, June, 369
preparation of patients for, March, 37
radiation protection with, March, 37
with portable unit, March, 39
problems of exposure to, March, 8
protection against, March, 24
therapy with, March, 40
late local reactions to, March, 47
nursing responsibilities, March, 42
reactions to, March, 44
nursing measures, March, 45
systemic, March, 46
use in fluoroscopy, March, 39

X-ray machine, portable, use of, March, 39
production of radiation by, March, 15
X-ray room, protective measures in, March, 26
X-rays
diagnostic use, nurse's responsibilities in, March, 35